

10066229_CLS
Most Frequently Occurring Classifications of Patents Returned
From A Search of 10066229 on October 15, 2004

Original Classifications

7	370/389
7	370/445
7	370/468
6	370/254
6	370/400
5	370/228
5	370/438
4	370/222
4	370/223
4	370/230
4	370/351
4	370/392
4	370/395.2
4	370/397
4	709/224
3	370/225
3	370/229
3	370/231
3	370/232
3	370/235
3	370/248
3	370/255
3	370/462
3	709/227
3	709/241
3	712/29
2	370/216
2	370/219
2	370/221
2	370/227
2	370/236
2	370/236.1
2	370/236.2
2	370/315
2	370/358
2	370/390
2	370/394
2	370/399
2	370/401
2	370/407
2	370/408
2	370/409
2	370/425

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2 370/436
2 370/437
2 370/447
2 370/449
2 370/452
2 372/6
2 385/24
2 398/48
2 398/58
2 709/220
2 709/221
2 709/225
2 709/226
2 709/231
2 713/600
2 714/4

Cross-Reference Classifications

14 370/397
10 370/400
10 370/412
10 370/462
10 398/1
7 370/236
7 370/351
7 370/410
7 370/468
7 370/471
6 370/252
6 370/254
6 370/349
6 370/392
6 370/465
5 340/825.5
5 370/230
5 370/244
5 370/389
5 370/403
5 370/408
5 370/409
5 370/469
5 370/474
5 709/238
5 714/4
4 340/2.4
4 370/228
4 370/235
4 370/237

4 370/255
 4 370/396
 4 370/452
 4 370/461
 4 370/463
 4 370/466
 4 370/477
 4 379/230
 4 709/239
 4 709/242
 3 340/2.7
 3 340/825.52
 3 370/221
 3 370/231
 3 370/249
 3 370/347
 3 370/395.2
 3 370/447
 3 370/458
 3 370/503
 3 375/133
 3 375/371
 3 398/59
 3 455/445
 3 705/53
 3 709/220
 3 709/223
 3 709/224
 3 713/201
 3 714/712
 2 340/825.01
 2 340/825.02
 2 345/733
 2 345/963
 2 370/218
 2 370/238
 2 370/241
 2 370/242
 2 370/256
 2 370/316
 2 370/337
 2 370/341
 2 370/348
 2 370/357
 2 370/381
 2 370/395.3
 2 370/395.71
 2 370/399

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2 370/401
2 370/404
2 370/406
2 370/407
2 370/425
2 370/431
2 370/443
2 370/446
2 370/449
2 370/455
2 370/459
2 370/486
2 370/493
2 370/501
2 370/522
2 370/535
2 370/538
2 372/102
2 372/108
2 372/23
2 372/26
2 372/31
2 372/69
2 372/92
2 375/240
2 379/220.01
2 379/221.04
2 379/221.08
2 379/229
2 398/166
2 398/168
2 398/48
2 398/5
2 398/61
2 398/79
2 398/83
2 455/12.1
2 455/13.2
2 455/428
2 455/433
2 455/436
2 709/229
2 709/231
2 709/232
2 709/235
2 709/236
2 709/249
2 709/250

2 709/252
2 718/102

Combined Classifications

18 370/397
16 370/400
14 370/468
13 370/462
12 370/254
12 370/389
11 370/351
11 370/412
11 398/1
10 370/392
9 370/228
9 370/230
9 370/236
7 370/235
7 370/252
7 370/255
7 370/395.2
7 370/408
7 370/409
7 370/410
7 370/445
7 370/465
7 370/471
7 709/224
7 714/4
6 340/825.5
6 370/231
6 370/349
6 370/452
6 709/238
5 370/221
5 370/237
5 370/244
5 370/396
5 370/403
5 370/438
5 370/447
5 370/461
5 370/466
5 370/469
5 370/474
5 370/477
5 379/230
5 709/220

5 709/242
 4 340/2.4
 4 370/222
 4 370/223
 4 370/248
 4 370/347
 4 370/399
 4 370/401
 4 370/407
 4 370/425
 4 370/449
 4 370/458
 4 370/463
 4 398/48
 4 398/59
 4 455/445
 4 709/227
 4 709/231
 4 709/239
 4 709/241
 4 713/201
 4 714/712
 3 340/2.7
 3 340/825.02
 3 340/825.52
 3 370/216
 3 370/218
 3 370/225
 3 370/229
 3 370/232
 3 370/236.2
 3 370/238
 3 370/249
 3 370/256
 3 370/316
 3 370/337
 3 370/390
 3 370/404
 3 370/406
 3 370/486
 3 370/503
 3 375/133
 3 375/371
 3 385/24
 3 398/58
 3 455/13.2
 3 455/433
 3 705/53

3 709/223
3 709/226
3 709/236
3 709/252
3 712/29
2 340/825.01
2 345/733
2 345/963
2 370/219
2 370/227
2 370/236.1
2 370/241
2 370/242
2 370/245
2 370/250
2 370/253
2 370/315
2 370/338
2 370/341
2 370/346
2 370/348
2 370/350
2 370/357
2 370/358
2 370/381
2 370/394
2 370/395.3
2 370/395.4
2 370/395.41
2 370/395.53
2 370/395.71
2 370/413
2 370/431
2 370/436
2 370/437
2 370/443
2 370/446
2 370/455
2 370/459
2 370/493
2 370/501
2 370/522
2 370/535
2 370/538
2 372/102
2 372/108
2 372/23
2 372/26

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2 372/31
2 372/6
2 372/69
2 372/92
2 375/240
2 379/219
2 379/220.01
2 379/221.04
2 379/221.08
2 379/229
2 398/166
2 398/168
2 398/2
2 398/4
2 398/5
2 398/50
2 398/61
2 398/7
2 398/79
2 398/83
2 398/89
2 455/12.1
2 455/428
2 455/436
2 705/57
2 705/8
2 705/80
2 707/201
2 709/203
2 709/216
2 709/221
2 709/225
2 709/229
2 709/232
2 709/235
2 709/249
2 709/250
2 713/600
2 718/102
2 725/126

10066229_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10066229 on October 15, 2004

- 18 370/397 (4 OR, 14 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/351 PATHFINDING OR ROUTING
 - 370/389 .Switching a message which includes an address header
 - 370/395.1 ..Message transmitted using fixed length packets (e.g., ATM cells)
 - 370/396 ...Distributed switching
 - 370/397Employing logical addressing for routing (e.g., VP or VC)

- 16 370/400 (6 OR, 10 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/351 PATHFINDING OR ROUTING
 - 370/389 .Switching a message which includes an address header
 - 370/400 ..Having a plurality of nodes performing distributed switching

- 14 370/468 (7 OR, 7 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/464 COMMUNICATION TECHNIQUES FOR INFORMATION CARRIED IN PLURAL CHANNELS
 - 370/465 .Adaptive
 - 370/468 ..Assignment of variable bandwidth or time period for transmission or reception

- 13 370/462 (3 OR, 10 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/431 CHANNEL ASSIGNMENT TECHNIQUES
 - 370/462 .Arbitration for access to a channel

- 12 370/254 (6 OR, 6 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/254 NETWORK CONFIGURATION DETERMINATION

- 12 370/389 (7 OR, 5 XR)
 - Class 370 : MULTIPLEX COMMUNICATIONS
 - 370/351 PATHFINDING OR ROUTING
 - 370/389 .Switching a message which includes an address header

- 11 370/351 (4 OR, 7 XR)

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                                10066229_CLSTITLES
Class 370 : MULTIPLEX COMMUNICATIONS
370/351    PATHFINDING OR ROUTING

11 370/412    (1 OR, 10 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/351    PATHFINDING OR ROUTING
370/389    .Switching a message which includes an address
            header
370/412    ..Queuing arrangement

11 398/1      (1 OR, 10 XR)
Class 398 : OPTICAL COMMUNICATIONS
398/1      FAULT RECOVERY

10 370/392    (4 OR, 6 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/351    PATHFINDING OR ROUTING
370/389    .Switching a message which includes an address
            header
370/392    ..Processing of address header for routing, pe
r
            se

9 370/228     (5 OR, 4 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/216    FAULT RECOVERY
370/225    .Bypass an inoperative channel
370/228    ..Spare channel

9 370/230     (4 OR, 5 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/229    DATA FLOW CONGESTION PREVENTION OR CONTROL
370/230    .Control of data admission to the network

9 370/236     (2 OR, 7 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/229    DATA FLOW CONGESTION PREVENTION OR CONTROL
370/235    .Flow control of data transmission through a
            network
370/236    ..Including signaling between network elements

7 370/235     (3 OR, 4 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/229    DATA FLOW CONGESTION PREVENTION OR CONTROL
370/235    .Flow control of data transmission through a
            network

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7 370/252 (1 OR, 6 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION

370/252 .Determination of communication parameters

7 370/255 (3 OR, 4 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/254 NETWORK CONFIGURATION DETERMINATION
 370/255 .Using a particular learning algorithm or
 technique

7 370/395.2 (4 OR, 3 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/351 PATHFINDING OR ROUTING
 370/389 .Switching a message which includes an address
 header
 370/395.1 ..Message transmitted using fixed length
 packets (e.g., ATM cells)
 370/395.2 ...Connection set-up/disconnect (e.g.,
 Connection Admission Control)

7 370/408 (2 OR, 5 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/351 PATHFINDING OR ROUTING
 370/389 .Switching a message which includes an address
 header
 370/400 ..Having a plurality of nodes performing
 distributed switching
 370/408 ...Nodes interconnected in hierarchy to form a
 tree

7 370/409 (2 OR, 5 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/351 PATHFINDING OR ROUTING
 370/389 .Switching a message which includes an address
 header
 370/400 ..Having a plurality of nodes performing
 distributed switching
 370/409 ...Employing logical addressing for routing
 (e.g., VP or VC)

7 370/410 (0 OR, 7 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/351 PATHFINDING OR ROUTING
 370/389 .Switching a message which includes an address
 header

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370/400 ..Having a plurality of nodes performing
distributed switching

370/410 ...Having a signaling feature

7 370/445 (7 OR, 0 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/431 CHANNEL ASSIGNMENT TECHNIQUES
370/445 .Carrier sense multiple access (CSMA)

7 370/465 (1 OR, 6 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/464 COMMUNICATION TECHNIQUES FOR INFORMATION
CARRIED IN PLURAL CHANNELS
370/465 .Adaptive

7 370/471 (0 OR, 7 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/464 COMMUNICATION TECHNIQUES FOR INFORMATION
CARRIED IN PLURAL CHANNELS
370/465 .Adaptive
370/470 ..Frame length
370/471 ...Message having an address header

7 709/224 (4 OR, 3 XR)
Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING
709/223 .Computer network managing
709/224 ..Computer network monitoring

7 714/4 (2 OR, 5 XR)
Class 714 : ERROR DETECTION/CORRECTION AND FAULT
DETECTION/RECOVERY
714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

714/1 .Reliability and availability
714/2 ..Fault recovery
714/3 ...By masking or reconfiguration
714/4 Of network

6 340/825.5 (1 OR, 5 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/825.5 .Lockout or priority (programmed or variable)

6 370/231 (3 OR, 3 XR)

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Class 370 : MULTIPLEX COMMUNICATIONS
370/229 DATA FLOW CONGESTION PREVENTION OR CONTROL
370/230 .Control of data admission to the network
370/231 ..End-to-end flow control

6 370/349 (0 OR, 6 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/345 .Combining or distributing information via tim
e
                                channels
370/349 ..Using messages having an address field as
                                header

6 370/452 (2 OR, 4 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/431 CHANNEL ASSIGNMENT TECHNIQUES
370/449 .Polling
370/450 ..Passing a signal identifying the idle or bus
y
                                state of a channel (e.g., token passing)
370/451 ...On bus
370/452 ....On ring or loop

6 709/238 (1 OR, 5 XR)
Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                                SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING
709/200 MULTICOMPUTER DATA TRANSFERRING
709/238 .Computer-to-computer data routing

5 370/221 (2 OR, 3 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/216 FAULT RECOVERY
370/221 .Bypass an inoperative station

5 370/237 (1 OR, 4 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/229 DATA FLOW CONGESTION PREVENTION OR CONTROL
370/235 .Flow control of data transmission through a
                                network
370/237 ..Congestion based rerouting

5 370/244 (0 OR, 5 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION
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370/242 .Fault detection

370/244 ..Of a switching system

5 370/396 (1 OR, 4 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING

370/389 .Switching a message which includes an address header

370/395.1 ..Message transmitted using fixed length packets (e.g., ATM cells)

370/396 ...Distributed switching

5 370/403 (0 OR, 5 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING

370/389 .Switching a message which includes an address header

370/400 ..Having a plurality of nodes performing distributed switching

370/401 ...Bridge or gateway between networks

370/402Bridge between bus systems

370/403At least one bus is a ring network

5 370/438 (5 OR, 0 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/431 CHANNEL ASSIGNMENT TECHNIQUES

370/438 .Using a separate control line or bus for access control

5 370/447 (2 OR, 3 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/431 CHANNEL ASSIGNMENT TECHNIQUES

370/445 .Carrier sense multiple access (CSMA)

370/447 ..Arbitration for access between contending stations

5 370/461 (1 OR, 4 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/431 CHANNEL ASSIGNMENT TECHNIQUES

370/458 .Using time slots

370/461 ..Arbitration for access between contending stations

5 370/466 (1 OR, 4 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/464 COMMUNICATION TECHNIQUES FOR INFORMATION CARRIED IN PLURAL CHANNELS

370/465 .Adaptive

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370/466 ..Converting between protocols

5 370/469 (0 OR, 5 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/464 COMMUNICATION TECHNIQUES FOR INFORMATION
 CARRIED IN PLURAL CHANNELS
 370/465 .Adaptive
 370/469 ..Processing multiple layer protocols

5 370/474 (0 OR, 5 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/473 ..Transmission of a single message having
 multiple packets
 370/474 .Assembly or disassembly of messages having
 address headers

5 370/477 (1 OR, 4 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/473 ..Transmission of a single message having
 multiple packets
 370/477 .Transmission bandwidth conservation

5 379/230 (1 OR, 4 XR)
 Class 379 : TELEPHONIC COMMUNICATIONS
 379/219 PLURAL EXCHANGE NETWORK OR INTERCONNECTION
 379/229 .Interexchange signalling
 379/230 ..Signalling path distinct from trunk (e.g.,
 CCIS)

5 709/220 (2 OR, 3 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
 RDINATING
 709/200 MULTICOMPUTER DATA TRANSFERRING
 709/220 .Network computer configuring

5 709/242 (1 OR, 4 XR)
 Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
 SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
 RDINATING
 709/200 MULTICOMPUTER DATA TRANSFERRING
 709/238 .Computer-to-computer data routing
 709/242 ..Routing data updating

4 340/2.4 (0 OR, 4 XR)
 Class 340 : COMMUNICATIONS: ELECTRICAL
 340/825 SELECTIVE
 340/2.1 .Path selection

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340/2.4 ..Code or pulse responsive

4 370/222 (4 OR, 0 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/216 FAULT RECOVERY
 370/221 .Bypass an inoperative station
 370/222 ..In a ring or loop network

4 370/223 (4 OR, 0 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/216 FAULT RECOVERY
 370/221 .Bypass an inoperative station
 370/222 ..In a ring or loop network
 370/223 ...Using a secondary ring or loop

4 370/248 (3 OR, 1 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION

370/248 .Path check

4 370/347 (1 OR, 3 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/310 COMMUNICATION OVER FREE SPACE
 370/345 .Combining or distributing information via tim

channels
 370/347 ..Multiple access (e.g., TDMA)

4 370/399 (2 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/351 PATHFINDING OR ROUTING
 370/389 .Switching a message which includes an address
 header
 370/395.1 ..Message transmitted using fixed length
 packets (e.g., ATM cells)
 370/398 ...Centralized switching
 370/399Employing logical addressing for routing
 (e.g., VP or VC)

4 370/401 (2 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/351 PATHFINDING OR ROUTING
 370/389 .Switching a message which includes an address
 header
 370/400 ..Having a plurality of nodes performing
 distributed switching

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370/401 ...Bridge or gateway between networks

4 370/407 (2 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING

370/389 .Switching a message which includes an address header

370/400 ..Having a plurality of nodes performing distributed switching

370/407 ...Interconnected star couplers

4 370/425 (2 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/351 PATHFINDING OR ROUTING

370/389 .Switching a message which includes an address header

370/422 ..Centralized switching

370/425 ...Star configuration

4 370/449 (2 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/431 CHANNEL ASSIGNMENT TECHNIQUES

370/449 .Polling

4 370/458 (1 OR, 3 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/431 CHANNEL ASSIGNMENT TECHNIQUES

370/458 .Using time slots

4 370/463 (0 OR, 4 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/431 CHANNEL ASSIGNMENT TECHNIQUES

370/463 .Details of circuit or interface for connectin

g

user to the network

4 398/48 (2 OR, 2 XR)

Class 398 : OPTICAL COMMUNICATIONS

398/43 MULTIPLEX

398/45 .Optical switching

398/48 ..Wavelength

4 398/59 (1 OR, 3 XR)

Class 398 : OPTICAL COMMUNICATIONS

398/43 MULTIPLEX

398/58 .Optical local area network (LAN)

398/59 ..Ring or loop

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4 455/445      (1 OR, 3 XR)
    Class 455 : TELECOMMUNICATIONS
                455/403      RADIOTELEPHONE SYSTEM
                455/422.1    .Zoned or cellular telephone system
                455/445      ..Call routing (e.g., to prevent backhaul,
                                routing efficiency, least cost, or alternat
e routing)

4 709/227      (3 OR, 1 XR)
    Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING
                709/200      MULTICOMPUTER DATA TRANSFERRING
                709/227      .Computer-to-computer session/connection
                                establishing

4 709/231      (2 OR, 2 XR)
    Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING
                709/200      MULTICOMPUTER DATA TRANSFERRING
                709/230      .Computer-to-computer protocol implementing
                709/231      ..Computer-to-computer data streaming

4 709/239      (0 OR, 4 XR)
    Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING
                709/200      MULTICOMPUTER DATA TRANSFERRING
                709/238      .Computer-to-computer data routing
                709/239      ..Alternate path routing

4 709/241      (3 OR, 1 XR)
    Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO
RDINATING
                709/200      MULTICOMPUTER DATA TRANSFERRING
                709/238      .Computer-to-computer data routing
                709/241      ..Least weight routing

4 713/201      (1 OR, 3 XR)
    Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
                SYSTEMS: SUPPORT
                713/200      SECURITY
                713/201      .Computer network

4 714/712      (1 OR, 3 XR)
    Class 714 : ERROR DETECTION/CORRECTION AND FAULT

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DETECTION/RECOVERY

714/699 PULSE OR DATA ERROR HANDLING
714/712 .Transmission facility testing

3 340/2.7 (0 OR, 3 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/2.1 .Path selection
340/2.7 ..Condition of data channel

3 340/825.02 (1 OR, 2 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/825.02 .Tree or cascade

3 340/825.52 (0 OR, 3 XR)
Class 340 : COMMUNICATIONS: ELECTRICAL
340/825 SELECTIVE
340/825.52 .Addressing

3 370/216 (2 OR, 1 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/216 FAULT RECOVERY

3 370/218 (1 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/216 FAULT RECOVERY
370/217 .Bypass an inoperative switch or inoperative
element of a switching system
370/218 ..Packet switching system or element

3 370/225 (3 OR, 0 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/216 FAULT RECOVERY
370/225 .Bypass an inoperative channel

3 370/229 (3 OR, 0 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/229 DATA FLOW CONGESTION PREVENTION OR CONTROL

3 370/232 (3 OR, 0 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/229 DATA FLOW CONGESTION PREVENTION OR CONTROL
370/230 .Control of data admission to the network
370/232 ..Based on data flow rate measurement

3 370/236.2 (2 OR, 1 XR)
Class 370 : MULTIPLEX COMMUNICATIONS

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10066229 CLSTITLES
370/229 DATA FLOW CONGESTION PREVENTION OR CONTROL
370/235 .Flow control of data transmission through a
        network
370/236 ..Including signaling between network elements

370/236.2 ...Using OAM (Operation, Administration and
        Maintenance) cells

3 370/238 (1 OR, 2 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
370/229 DATA FLOW CONGESTION PREVENTION OR CONTROL
370/235 .Flow control of data transmission through a
        network
370/238 ..Least cost or minimum delay routing

3 370/249 (0 OR, 3 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION
)
    370/249 .Loopback

3 370/256 (1 OR, 2 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
370/254 NETWORK CONFIGURATION DETERMINATION
370/255 .Using a particular learning algorithm or
        technique
370/256 ..Spanning tree

3 370/316 (1 OR, 2 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/315 .Repeater
370/316 ..Airborne or space satellite repeater

3 370/337 (1 OR, 2 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
370/310 COMMUNICATION OVER FREE SPACE
370/328 .Having a plurality of contiguous regions
        served by respective fixed stations
370/329 ..Channel assignment
370/336 ...Combining or distributing information via
        time channels
370/337 ....Multiple access (e.g., TDMA)

3 370/390 (2 OR, 1 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
370/351 PATHFINDING OR ROUTING

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370/389 .Switching a message which includes an address header

370/390 ..Replicate messages for multiple destination distribution

3 370/404 (1 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/351 PATHFINDING OR ROUTING
 370/389 .Switching a message which includes an address header
 370/400 ..Having a plurality of nodes performing distributed switching
 370/401 ...Bridge or gateway between networks
 370/402Bridge between bus systems
 370/403At least one bus is a ring network
 370/404Ring or loop forms backbone for interconnecting other networks

3 370/406 (1 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/351 PATHFINDING OR ROUTING
 370/389 .Switching a message which includes an address header
 370/400 ..Having a plurality of nodes performing distributed switching
 370/406 ...Plurality of rings or loops to form a mesh network

3 370/486 (1 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/473 ..Transmission of a single message having multiple packets
 370/480 .Combining or distributing information via frequency channels
 370/485 ..Subscriber carrier
 370/486 ...Program distribution

3 370/503 (0 OR, 3 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/473 ..Transmission of a single message having multiple packets
 370/498 .Combining or distributing information via time channels
 370/503 ..Synchronizing

3 375/133 (0 OR, 3 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS

10066229 CLSTITLES

375/130 SPREAD SPECTRUM

375/132 .Frequency hopping

375/133 ..End-to-end transmission system

3 375/371 (0 OR, 3 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/354 SYNCHRONIZERS

375/371 .Phase displacement, slip or jitter correction

3 385/24 (2 OR, 1 XR)

Class 385 : OPTICAL WAVEGUIDES

385/15 WITH OPTICAL COUPLER

385/24 .Plural (e.g., data bus)

3 398/58 (2 OR, 1 XR)

Class 398 : OPTICAL COMMUNICATIONS

398/43 MULTIPLEX

398/58 .Optical local area network (LAN)

3 455/13.2 (1 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,
RETRANSMISSION OF SAME INFORMATION)

455/11.1 .Portable or mobile repeater

455/12.1 ..Space satellite

455/13.2 ...With synchronizing of satellites or system

3 455/433 (1 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/432.1 ..Roaming

455/433 ...Home location registration (HLR) or visitor
location registration (VLR) detail

3 705/53 (0 OR, 3 XR)

Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN

ATION

705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY

705/51 .Usage protection of distributed data files

705/52 ..Usage or charge determination

705/53 ...Including third party for collecting or
distributing payment (e.g., clearinghouse)

3 709/223 (0 OR, 3 XR)

10066229 CLSTITLES

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/223 .Computer network managing

3 709/226 (2 OR, 1 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/223 .Computer network managing

709/226 ..Network resource allocating

3 709/236 (1 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/230 .Computer-to-computer protocol implementing

709/236 ..Computer-to-computer data framing

3 709/252 (1 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/252 .Star or tree computer networking

3 712/29 (3 OR, 0 XR)

Class 712 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: PROCESSING ARCHITECTURES AND INS

TRUCTION

PROCESSING

712/1 PROCESSING ARCHITECTURE

712/28 .Distributed processing system

712/29 ..Interface

2 340/825.01 (0 OR, 2 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL

340/825 SELECTIVE

340/825.01 .Spare channel

2 345/733 (0 OR, 2 XR)

Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR
INTERFACE PROCESSING, AND SELECTIVE VISUAL

DISPLAY

SYSTEMS

10066229 CLSTITLES

345/700 OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)

345/733 .For plural users or sites (e.g., network)

2 345/963 (0 OR, 2 XR)
 Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR INTERFACE PROCESSING, AND SELECTIVE VISUAL DISPLAY SYSTEMS

345/961 OPERATOR INTERFACE WITH VISUAL STRUCTURE OR FUNCTION DICTATED BY INTENDED USE

345/963 .Calendar or scheduling

2 370/219 (2 OR, 0 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS

370/216 FAULT RECOVERY

370/217 .Bypass an inoperative switch or inoperative element of a switching system

370/218 ..Packet switching system or element

370/219 ...Standby switch

2 370/227 (2 OR, 0 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS

370/216 FAULT RECOVERY

370/225 .Bypass an inoperative channel

370/226 ..In a repeater system

370/227 ...Using a spare channel

2 370/236.1 (2 OR, 0 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS

370/229 DATA FLOW CONGESTION PREVENTION OR CONTROL

370/235 .Flow control of data transmission through a network

370/236 ..Including signaling between network elements

370/236.1 ...Using RM (Resource Management) cells

2 370/241 (0 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS

370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION)

)

2 370/242 (0 OR, 2 XR)
 Class 370 : MULTIPLEX COMMUNICATIONS

370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION)

)

10066229_CLSTITLES

370/242 .Fault detection

2 370/245 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION

)

370/242 .Fault detection

370/245 ..Of a local area network

2 370/250 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION

)

370/250 .Of a switching system

2 370/253 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/241 DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION

)

370/252 .Determination of communication parameters

370/253 ..Measurement of flow rate of messages having
an address header

2 370/315 (2 OR, 0 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

370/315 .Repeater

2 370/338 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

370/328 .Having a plurality of contiguous regions
served by respective fixed stations

370/338 ..Contiguous regions interconnected by a local
area network

2 370/341 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

370/340 .Using trunking

370/341 ..Channel assignment

2 370/346 (1 OR, 1 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

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                                10066229_CLSTITLES
370/345      .Combining or distributing information via tim
e
                                channels
370/346      ..Polling

2  370/348      (0 OR, 2 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
370/310      COMMUNICATION OVER FREE SPACE
370/345      .Combining or distributing information via tim
e
                                channels
370/347      ..Multiple access (e.g., TDMA)
370/348      ...Channel reservation scheme

2  370/350      (1 OR, 1 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
370/310      COMMUNICATION OVER FREE SPACE
370/345      .Combining or distributing information via tim
e
                                channels
370/350      ..Synchronization

2  370/357      (0 OR, 2 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
370/351      PATHFINDING OR ROUTING
370/357      .Through a circuit switch

2  370/358      (2 OR, 0 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
370/351      PATHFINDING OR ROUTING
370/357      .Through a circuit switch
370/358      ..Switching input signals having different
                aggregate bit rates

2  370/381      (0 OR, 2 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
370/351      PATHFINDING OR ROUTING
370/357      .Through a circuit switch
370/360      ..Switching control
370/381      ...Having details of control storage
                arrangement

2  370/394      (2 OR, 0 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
370/351      PATHFINDING OR ROUTING
370/389      .Switching a message which includes an address
                header
370/394      ..Sequencing or resequencing of packets to

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insure proper output sequence order

2 370/395.3 (0 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/351 PATHFINDING OR ROUTING
370/389 .Switching a message which includes an address
header
370/395.1 ..Message transmitted using fixed length
packets (e.g., ATM cells)
370/395.3 ...Connection identifier assignment

2 370/395.4 (1 OR, 1 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/351 PATHFINDING OR ROUTING
370/389 .Switching a message which includes an address
header
370/395.1 ..Message transmitted using fixed length
packets (e.g., ATM cells)
370/395.4 ...Assigning period of time for information to
be transmitted (e.g., scheduling)

2 370/395.41 (1 OR, 1 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/351 PATHFINDING OR ROUTING
370/389 .Switching a message which includes an address
header
370/395.1 ..Message transmitted using fixed length
packets (e.g., ATM cells)
370/395.4 ...Assigning period of time for information to
be transmitted (e.g., scheduling)
370/395.41Based on bandwidth allocation (e.g.,
Weighted Round Robin)

2 370/395.53 (1 OR, 1 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/351 PATHFINDING OR ROUTING
370/389 .Switching a message which includes an address
header
370/395.1 ..Message transmitted using fixed length
packets (e.g., ATM cells)
370/395.5 ...Multiprotocol network
370/395.53Emulated LAN (LANE/ELAN/VLAN, e.g.,
Ethernet or token ring legacy LAN over a si

ngle ATM

network/LAN)

2 370/395.71 (0 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS

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370/351 PATHFINDING OR ROUTING

370/389 .Switching a message which includes an address
 header

370/395.1 ..Message transmitted using fixed length
 packets (e.g., ATM cells)

370/395.7 ...Having detail of switch memory
 reading/writing

370/395.71 Having input or output storage or both

2 370/413 (1 OR, 1 XR)

 Class 370 : MULTIPLEX COMMUNICATIONS

 370/351 PATHFINDING OR ROUTING

 370/389 .Switching a message which includes an address
 header

 370/412 ..Queuing arrangement

 370/413 ...Having both input and output queuing

2 370/431 (0 OR, 2 XR)

 Class 370 : MULTIPLEX COMMUNICATIONS

 370/431 CHANNEL ASSIGNMENT TECHNIQUES

2 370/436 (2 OR, 0 XR)

 Class 370 : MULTIPLEX COMMUNICATIONS

 370/431 CHANNEL ASSIGNMENT TECHNIQUES

 370/436 .Combined time and frequency assignment

2 370/437 (2 OR, 0 XR)

 Class 370 : MULTIPLEX COMMUNICATIONS

 370/431 CHANNEL ASSIGNMENT TECHNIQUES

 370/437 .Adaptive selection of channel assignment
 technique

2 370/443 (0 OR, 2 XR)

 Class 370 : MULTIPLEX COMMUNICATIONS

 370/431 CHANNEL ASSIGNMENT TECHNIQUES

 370/442 .Combining or distributing information via tim
e

 channels using multiple access technique (

e.g., TDMA)

 370/443 ..Using channel reservation

2 370/446 (0 OR, 2 XR)

 Class 370 : MULTIPLEX COMMUNICATIONS

 370/431 CHANNEL ASSIGNMENT TECHNIQUES

 370/445 .Carrier sense multiple access (CSMA)

 370/446 ..Using a star coupler

2 370/455 (0 OR, 2 XR)

10066229_CLSTITLES
 Class 370 : MULTIPLEX COMMUNICATIONS
 370/431 CHANNEL ASSIGNMENT TECHNIQUES
 370/449 .Polling
 370/450 ..Passing a signal identifying the idle or bus

y
 state of a channel (e.g., token passing)

370/451 ...On bus
 370/452On ring or loop
 370/455Including priority resolution

2 370/459 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS
 370/431 CHANNEL ASSIGNMENT TECHNIQUES
 370/458 .Using time slots
 370/459 ..Having indication of idle or busy state of
 time slot

2 370/493 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS
 370/473 ..Transmission of a single message having
 multiple packets
 370/480 .Combining or distributing information via
 frequency channels
 370/493 ..Combined voice and data transmission

2 370/501 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS
 370/473 ..Transmission of a single message having
 multiple packets
 370/498 .Combining or distributing information via tim
 e
 channels
 370/501 ..Repeater

2 370/522 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS
 370/473 ..Transmission of a single message having
 multiple packets
 370/498 .Combining or distributing information via tim
 e
 channels
 370/522 ..Signaling (ancillary to main information)

2 370/535 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS
 370/473 ..Transmission of a single message having
 multiple packets

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370/498 .Combining or distributing information via tim
e
channels

370/535 ..Multiplexing combined with demultiplexing

2 370/538 (0 OR, 2 XR)
Class 370 : MULTIPLEX COMMUNICATIONS
370/473 ..Transmission of a single message having
multiple packets
370/498 .Combining or distributing information via tim
e
channels

370/537 ..Multiplexing plural input channels to a
common output channel

370/538 ...Plural input channels of different rates to
a single common rate output channel

2 372/102 (0 OR, 2 XR)
Class 372 : COHERENT LIGHT GENERATORS
372/92 PARTICULAR RESONANT CAVITY
372/98 .Specified cavity component
372/102 ..Grating

2 372/108 (0 OR, 2 XR)
Class 372 : COHERENT LIGHT GENERATORS
372/92 PARTICULAR RESONANT CAVITY
372/108 .Specified output coupling device

2 372/23 (0 OR, 2 XR)
Class 372 : COHERENT LIGHT GENERATORS
372/9 PARTICULAR BEAM CONTROL DEVICE
372/23 .Producing plural wavelength output.

2 372/26 (0 OR, 2 XR)
Class 372 : COHERENT LIGHT GENERATORS
372/9 PARTICULAR BEAM CONTROL DEVICE
372/26 .Modulation

2 372/31 (0 OR, 2 XR)
Class 372 : COHERENT LIGHT GENERATORS
372/9 PARTICULAR BEAM CONTROL DEVICE
372/29.02 .Optical output stabilization
372/31 ..Amplitude

2 372/6 (2 OR, 0 XR)
Class 372 : COHERENT LIGHT GENERATORS
372/6 OPTICAL FIBER LASER

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- 2 372/69 (0 OR, 2 XR)
 Class 372 : COHERENT LIGHT GENERATORS
 372/69 PARTICULAR PUMPING MEANS
- 2 372/92 (0 OR, 2 XR)
 Class 372 : COHERENT LIGHT GENERATORS
 372/92 PARTICULAR RESONANT CAVITY
- 2 375/240 (0 OR, 2 XR)
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS
 375/240 BANDWIDTH REDUCTION OR EXPANSION
- 2 379/219 (1 OR, 1 XR)
 Class 379 : TELEPHONIC COMMUNICATIONS
 379/219 PLURAL EXCHANGE NETWORK OR INTERCONNECTION
- 2 379/220.01 (0 OR, 2 XR)
 Class 379 : TELEPHONIC COMMUNICATIONS
 379/219 PLURAL EXCHANGE NETWORK OR INTERCONNECTION
 379/220.01 .With interexchange network routing
- 2 379/221.04 (0 OR, 2 XR)
 Class 379 : TELEPHONIC COMMUNICATIONS
 379/219 PLURAL EXCHANGE NETWORK OR INTERCONNECTION
 379/220.01 .With interexchange network routing
 379/221.01 ..Alternate routing
 379/221.03 ...Failure (e.g., disaster, overload, blockage)
- 379/221.04 Restoration (e.g., backup, recovery)
- 2 379/221.08 (0 OR, 2 XR)
 Class 379 : TELEPHONIC COMMUNICATIONS
 379/219 PLURAL EXCHANGE NETWORK OR INTERCONNECTION
 379/220.01 .With interexchange network routing
 379/221.08 ..Advanced intelligent network (AIN)
- 2 379/229 (0 OR, 2 XR)
 Class 379 : TELEPHONIC COMMUNICATIONS
 379/219 PLURAL EXCHANGE NETWORK OR INTERCONNECTION
 379/229 .Interexchange signalling
- 2 398/166 (0 OR, 2 XR)
 Class 398 : OPTICAL COMMUNICATIONS
 398/140 TRANSMITTER AND RECEIVER SYSTEM
 398/165 .Plural stations
 398/166 ..Address directing connections

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- 2 398/168 (0 OR, 2 XR)
 - Class 398 : OPTICAL COMMUNICATIONS
 - 398/140 TRANSMITTER AND RECEIVER SYSTEM
 - 398/168 .Passive system
- 2 398/2 (1 OR, 1 XR)
 - Class 398 : OPTICAL COMMUNICATIONS
 - 398/1 FAULT RECOVERY
 - 398/2 .Bypass inoperative element
- 2 398/4 (1 OR, 1 XR)
 - Class 398 : OPTICAL COMMUNICATIONS
 - 398/1 FAULT RECOVERY
 - 398/2 .Bypass inoperative element
 - 398/3 ..In a ring or loop
 - 398/4 ...Using a secondary ring or loop
- 2 398/5 (0 OR, 2 XR)
 - Class 398 : OPTICAL COMMUNICATIONS
 - 398/1 FAULT RECOVERY
 - 398/2 .Bypass inoperative element
 - 398/5 ..Spare channel or standby optical fiber
- 2 398/50 (1 OR, 1 XR)
 - Class 398 : OPTICAL COMMUNICATIONS
 - 398/43 MULTIPLEX
 - 398/45 .Optical switching
 - 398/48 ..Wavelength
 - 398/50 ...Crossconnect
- 2 398/61 (0 OR, 2 XR)
 - Class 398 : OPTICAL COMMUNICATIONS
 - 398/43 MULTIPLEX
 - 398/58 .Optical local area network (LAN)
 - 398/61 ..Active star
- 2 398/7 (1 OR, 1 XR)
 - Class 398 : OPTICAL COMMUNICATIONS
 - 398/1 FAULT RECOVERY
 - 398/7 .WDM
- 2 398/79 (0 OR, 2 XR)
 - Class 398 : OPTICAL COMMUNICATIONS
 - 398/43 MULTIPLEX
 - 398/79 .Wavelength division or frequency division
(e.g., Raman, Brillouin, etc.)
- 2 398/83 (0 OR, 2 XR)

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Class 398 : OPTICAL COMMUNICATIONS
 398/43 MULTIPLEX
 398/79 .Wavelength division or frequency division
 (e.g., Raman, Brillouin, etc.)
 398/82 ..By optical coupling
 398/83 ...Add or drop

2 398/89 (1 OR, 1 XR)
 Class 398 : OPTICAL COMMUNICATIONS
 398/43 MULTIPLEX
 398/79 .Wavelength division or frequency division
 (e.g., Raman, Brillouin, etc.)
 398/89 ..Multiple Access (e.g., WDMA)

2 455/12.1 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,
 RETRANSMISSION OF SAME INFORMATION)
 455/11.1 .Portable or mobile repeater
 455/12.1 ..Space satellite

2 455/428 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/427 ..Space satellite
 455/428 ...Switching or routing

2 455/436 (0 OR, 2 XR)
 Class 455 : TELECOMMUNICATIONS
 455/403 RADIOTELEPHONE SYSTEM
 455/422.1 .Zoned or cellular telephone system
 455/436 ..Handoff

2 705/57 (1 OR, 1 XR)
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
 ATION
 705/50 BUSINESS PROCESSING USING CRYPTOGRAPHY
 705/51 .Usage protection of distributed data files
 705/57 ..Copy protection or prevention

2 705/8 (1 OR, 1 XR)
 Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS
 PRACTICE, MANAGEMENT, OR COST/PRICE DETERMIN
 ATION
 705/1 AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS
 PRACTICE OR MANAGEMENT ARRANGEMENT

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705/7 .Operations research

705/8 ..Allocating resources or scheduling for an administrative function

2 705/80 (1 OR, 1 XR)

Class 705 : DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT, OR COST/PRICE DETERMINATION

705/80 ELECTRONIC NEGOTIATION

2 707/201 (1 OR, 1 XR)

Class 707 : DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES

707/200 FILE OR DATABASE MAINTENANCE

707/201 .Coherency (e.g., same view to multiple users)

2 709/203 (1 OR, 1 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/201 .Distributed data processing

709/203 ..Client/server

2 709/216 (1 OR, 1 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/213 .Multicomputer data transferring via shared memory

709/216 ..Accessing another computer's memory

2 709/221 (2 OR, 0 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/220 .Network computer configuring

709/221 ..Reconfiguring

2 709/225 (2 OR, 0 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: MULTIPLE COMPUTER OR PROCESS COORDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/223 .Computer network managing

10066229_CLSTITLES

709/225 ..Computer network access regulating

2 709/229 (0 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/227 .Computer-to-computer session/connection
establishing

709/229 ..Network resources access controlling

2 709/232 (0 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/230 .Computer-to-computer protocol implementing

709/232 ..Computer-to-computer data transfer regulatin

g

2 709/235 (0 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/230 .Computer-to-computer protocol implementing

709/232 ..Computer-to-computer data transfer regulatin

g

709/235 ...Congestion avoiding

2 709/249 (0 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/249 .Multiple network interconnecting

2 709/250 (0 OR, 2 XR)

Class 709 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: MULTIPLE COMPUTER OR PROCESS COO

RDINATING

709/200 MULTICOMPUTER DATA TRANSFERRING

709/250 .Network-to-computer interfacing

2 713/600 (2 OR, 0 XR)

Class 713 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING

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SYSTEMS: SUPPORT

713/600

CLOCK CONTROL OF DATA PROCESSING SYSTEM,
COMPONENT, OR DATA TRANSMISSION

2 718/102 (0 OR, 2 XR)

Class 718 : ELECTRICAL COMPUTERS AND DIGITAL PROCESSING
SYSTEMS: VIRTUAL MACHINE TASK OR PROCESS MAN

AGEMENT OR TASK

MANAGEMENT/CONTROL

718/100 TASK MANAGEMENT OR CONTROL

718/102 .Process scheduling

2 725/126 (1 OR, 1 XR)

Class 725 : INTERACTIVE VIDEO DISTRIBUTION SYSTEMS

725/105 VIDEO DISTRIBUTION SYSTEM WITH UPSTREAM
COMMUNICATION

725/118 .Transmission network

725/126 ..Detail of use of two-way spectrum

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PLUS Search Results for S/N 10066229, Searched October 15, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

6791997	6111885	6253193	5978364	6657969	5361261
4883245	6111886	6363488	6044079	6785725	5373504
4912656	5940399	6389402	6046978	4290142	5384776
5231593	5831459	6427140	4569041	4312065	5384777
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